



## Test Pit Observation at the Cornell Dubilier Site - May 14, 2008

Pit #	Depth (feet)	Air Monitoring					Comments
		VOCs ppm	CO ppm	LEL %	H <sub>2</sub> S ppm	Oxy %	
1	This pit was excavated within an embankment situated adjacent to the Bound Brook. The approximate dimensions of the pit were 16 feet long by 4 feet wide by 4 feet deep.						
	1'	0.0	2.0	0.0	0.0	20.9	Dark soil with debris (a ceramic cup, coils and springs). There was also a railroad tie.
	2'	0.0	2.0	0.0	0.0	20.9	Dark soil with debris such as (ceramic pieces, coils, springs, and wood pieces) .
	3'	0.0	2.0	0.0	0.0	20.9	Dark soil with metal pieces. There was various debris ranging from metal parts to bricks and stones.
	4'	0.0	2.0	0.0	0.0	20.9	Dark soil with debris (metal pieces originating from possible metals sheets). The western end of the pit contained most of the debris.
2	This pit was excavated along the silt fence, in a relatively flat area, near the top of the embankment just upstream of the twin culverts through which the Bound Brook passes. The approximate dimensions of the pit were 10 feet long by 4 feet wide by 3 1/2 feet deep.						
	1'	0.0	2.0	0.0	0.0	20.9	Reddish brown soil sandy silt with bricks.
	2'	0.0	1.0	0.0	0.0	20.9	Capacitors found with reddish brown soil with wood and bricks.
	3'	0.0	1.0	0.0	0.0	20.9	More capacitors found intermixed with reddish brown soil.
	3.5'	0.0	2.0	0.0	0.0	20.9	Reddish brown to brown with approximately 5% clayey soil.
3	The pit was excavated within an embankment situated adjacent to a wetland area that borders the Bound Brook. The embankment was estimated to be 15 to 18 feet high. The approximate dimensions of the pit were 11 feet long by 4 feet wide by 3 feet deep.						
	1'	0.0	2.0	0.0	0.0	20.9	Dark soil with organic matter, i.e, roots.
	2'	0.0	2.0	0.0	0.0	20.9	Dark soil with organic matter, i.e, roots.
	3'	0.0	2.0	0.0	0.0	20.9	Dark soil with organic matter, i.e, roots.
4	The pit was excavated within an embankment situated adjacent to a wetland area that borders the Bound Brook. The embankment was estimated to be 15-18 feet high. The approximate dimensions of the pit were 10 feet long by 4 feet wide by 3 feet deep.						
	1'	0.0	2.0	0.0	0.0	20.9	Dark soil with organic matter, i.e, roots.
	2'	0.0	1.0	0.0	0.0	20.9	Dark soil with organic matter, i.e., roots and some brick pieces.
	3'	0.0	1.0	0.0	0.0	20.9	Dark soil with whole and pieces of bricks.

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		VOCs ppm	CO ppm	LEL %	H <sub>2</sub> S ppm	Oxy %	
5	The pit was excavated within an embankment situated adjacent to a wetland area that borders the Bound Brook. The embankment was estimated to be 15-18 feet high. The approximate dimensions of the pit were 10 feet long by 4 feet wide by 4 feet deep.						
	1'	0.0	1.0	0.0	0.0	20.9	Dark soil with organic matter, i.e, roots.
	2'	0.0	1.0	0.0	0.0	20.9	Dark soil with organic matter, i.e., roots and some brick pieces.
	3'	0.0	2.0	0.0	0.0	20.9	Dark soil with whole and pieces of bricks.
	4'	0.0	2.0	0.0	0.0	20.9	Dark soil with whole and pieces of bricks.
6	The pit was excavated along the silt fence, in a relatively flat area, near the fence line on the southern edge of the Site. The approximate dimensions of the pit were 12 feet long by 4 feet wide by 3 feet deep.						
	1'	0.0	1.0	0.0	0.0	20.9	Soil is loose and it contains microcapacitor parts. The clayey soil is a brownish-red. Plastic film that is used in microcapacitors were noted.
	2'	0.0	1.0	0.0	0.0	20.9	Soil is loose and contains microcapacitor parts. The clayey soil is a brownish-red. Plastic film that is used in microcapacitors were noted. Visual dark wall staining at 2.5'.
	3'	0.0	2.0	0.0	0.0	20.9	Soil is loose and it contains microcapacitor parts. The clayey soil is a brownish-red. Plastic film that is used in microcapacitors were noted.
7	The pit was excavated along the silt fence, in a relatively flat area, near the fence line on the southern edge of the Site. The approximate dimensions of the pit were 10 feet long by 4 feet wide by 2 feet deep.						
	1'	0.0	2.0	0	0	20.9	Plastic film used in microcapacitors were noted. Soil contained mixed debris, along with wood blocks. A capacitor top was found at approximately 1.5' deep.
	2'	0.0	1.0	0	0	20.9	The soil is a brownish-red and has mixed metal debris.
8	The pit was excavated within an embankment situated adjacent to the Bound Brook. The embankment was estimated to be 15-18 feet high. The excavation was widened to determine whether the bricks extended outside of the original excavation. The approximate dimensions of the pit were 10 feet long by 8 feet wide by 4 feet deep.						
	1'	0.0	2.0	0.0	0.0	20.9	Dark soil with organic matter, i.e, roots.
	2'	0.0	2.0	0.0	0.0	20.9	Dark soil containing brick pieces and whole bricks. A lot of bricks located within this area. Soil contained some ash.
	3'	0.0	2.0	0.0	0.0	20.9	Dark soil with whole and brick pieces. There appears to be some ash mixed with the soil.
	4'	0.0	2.0	0.0	0.0	20.9	Dark soil with whole and brick pieces. There are a lot of bricks located within this area.